



|   |   |                        |                   |
|---|---|------------------------|-------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) |   | Application Number     | 10/721,573        |
|   |   | Filing Date            | November 24, 2003 |
|   |   | First Named Inventor   | Low Yau Loong     |
|   |   | Art Unit               |                   |
|   |   | Examiner Name          |                   |
| Total Number of Pages in This Submission  | 4 | Attorney Docket Number | 015114-068900US   |

| ENCLOSURES (Check all that apply)   |  |   |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><br><input type="checkbox"/> Extension of Time Request<br><br><input type="checkbox"/> Express Abandonment Request<br><br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input checked="" type="checkbox"/> PTO/SB/81 Power of Attorney (1pg)<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>PTO/SB/97 Certificate of Transmission (1pg)<br>this PTO/SB/21 Transmittal Form (1pg)<br>PTO/SB/96 Statement under 37 CFR 3.73(b) (1pg) |
| Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.   |  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |  |
|--|---|--|
| Firm or Individual                         | Townsend and Townsend and Crew LLP<br>Steven Cahill Reg. No. 44,578 |  |
| Signature                                  |   |  |
| Date                                       | September 14, 2004  |  |

| CERTIFICATE OF TRANSMISSION   |               |                         |
|---|---------------|-------------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 746-4060 on September 14, 2004 |               |                         |
| Typed or printed name   | DJ Bogorodsky |                         |
| Signature   |               | Date September 14, 2004 |

60313848 v1



Please type a plus sign (+) inside this box →

PTO/SB/81 (09-03)

|  |                             |   |
|--|-----------------------------|---|
| <b>POWER OF ATTORNEY OR<br/>AUTHORIZATION OF AGENT</b> | <b>Application Number</b>   | 10/721,573  |
|  | <b>Filing Date</b>          | November 24, 2003   |
|  | <b>First Named Inventor</b> | Low Yau Loong   |
|  | <b>Title</b>                | Optimized Technology Mapping Techniques for Programmable Circuits |
|  | <b>Group Art Unit</b>       | 2825  |
|  | <b>Examiner Name</b>        |   |
| <b>Attorney Docket Number</b>                          |                             | 15114-068900US  |

I hereby appoint:

☒ Practitioners at Customer Number

26059

OR

☐ Practitioner(s) named below:

| Name | Registration Number |
|------|---------------------|
|      |                     |
|      |                     |
|      |                     |
|      |                     |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Firm or  
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

Name Derek E. Miniham, Esq., Director, Intellectual Property Law and Assistant Secretary

Signature

Date 11/21/03

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

60078721 v1



PTO/SB/98 (08-03)

Attorney Docket No. 015114-068900US

Client Ref. A1187

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Low Yau LoongApplication No./Patent No.: 10/721,573 Filed/Issue Date: November 24, 2003Entitled: Optimized Technology Mapping Techniques for Programmable CircuitsAltera Corporation, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 015071 Frame 0954, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8.]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

11/21/03  
Date

Derek E. Miniham  
Signature

Derek E. Miniham

Typed or printed name

Director, Intellectual Property Law  
and Assistant Secretary

Title

60078725 v1

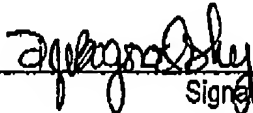
SEP 21 2004

PTO/SB/97 (08-00)

## Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted  
to the Patent and Trademark Office

on September 21, 2004  
date

  
Signature

DJ Bogorodsky

Typed or printed name of person signing Certificate

In re: application of: Low Yau Loong

Application Number: 10/721,573

Filed: November 24, 2003

Confirmation Number: 5804

Title: OPTIMIZED TECHNOLOGY MAPPING TECHNIQUES FOR PROGRAMMABLE CIRCUITS

Atty Docket Number: 015114-068900US SJC/djb

Being faxed to the OIPE at facsimile number **1-703-746-4060** are the following documents:

this PTO/SB/97 Certificate of Transmission (1 page);  
PTO/SB/21 Transmittal Form (1 page);  
PTO/SB/81 Power of Attorney (1 page); and  
PTO/SB/96 Statement under 37 CFR 3.73(b) (1 page)

Number of pages being transmitted, including this page: 4

60313856 v1

RECEIVED  
SEP 22 2004  
OIPE/JCW/S

fax ref. #

449005

Townsend and Townsend and Crew LLP  
Telephone -- 650-326-2400  
Facsimile -- 650-326-2422